

Attorney Docket No.: 1400.1072 D5
Client Reference Number: 10072-US-DIV5

Listing of the Claims

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1. - 64. (Cancelled)

65. (Previously Presented) A method of redirecting e-mail messages and message attachments to a user of a mobile data communication device that is associated with a host system and communicates therewith via a wireless gateway, the method comprising the steps of:

receiving a data item at the host system from a message sender, the data item being directed to an address associated with the user at the host system, the data item including an e-mail message and a message attachment;

redirecting at least a portion of the e-mail message from the host system to the mobile data communication device via the wireless gateway using a network address of the mobile data communication device;

receiving a first command message from the mobile data communication device at the host system requesting more of the data item; and

redirecting the message attachment from the host system to the mobile data communication device via the wireless gateway using the

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network address of the mobile data communication device in response to the first command message.

66. (Previously Presented) The method as recited in claim 65 further comprising the step of providing a user profile for the mobile data communication device, wherein the user profile stores a list of one or more external devices associated with the mobile data communication device.

67. (Previously Presented) The method as recited in claim 65 further comprising the steps of:

configuring one or more redirection events at the host system;
detecting that a redirection event has occurred at the host system and generating a redirection trigger; and

in response to the redirection trigger, redirecting at least a portion of the e-mail message from the host system to the mobile data communication device.

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68. (Previously Presented) The method as recited in claim 67 wherein the redirection events include external events, internal events or networked events, wherein the external events are events external to the host system, wherein the internal events are events internal to the host system and wherein the networked events are events that occur on a network coupled to the host system.

69. (Previously Presented) The method as recited in claim 68 wherein one of the external events is a message from the mobile data communication device to start the redirection step and wherein the internal events include a calendar alarm, a screen saver activation or a keyboard timeout signal associated with the host system.

70. (Previously Presented) The method as recited in claim 65 wherein the mobile data communication device is one of a hand-held wireless paging computer, a wirelessly-enabled palm-top computer, a mobile telephone with data messaging capabilities and a wirelessly-enabled laptop computer.

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71. (Previously Presented) The method as recited in claim 65 wherein the message attachment is at least one of a word processing attachment, an audio attachment and a video attachment.

72. (Previously Presented) The method as recited in claim 65 wherein the message attachment is of a type that the mobile data communication device can process.

73. (Previously Presented) The method as recited in claim 65 wherein the message attachment is of a type that the mobile data communication device cannot process.

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74. (Previously Presented) The method as recited in claim 73 further comprising the steps of:

receiving a second command message from the mobile data communication device at the host system to send the message attachment to an external device; and

redirecting the message attachment from the host system to the external device in response to the second command message.

75.. (Previously Presented) The method as recited in claim 74 wherein the external device is one of a printer, a facsimile machine, a video player and an audio player.

76. (Previously Presented) The method as recited in claim 65 further comprising the step of decoupling the message attachment from the e-mail messages.

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77. (Previously Presented) The method as recited in claim 76 further comprising the step of storing the e-mail message in a message store at the host system.

78. (Previously Presented) The method as recited in claim 77 further comprising the step of storing the message attachment in the message store at the host system.

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79. (Previously Presented) A method of redirecting e-mail messages and message attachments to a user of a mobile data communication device that is associated with a host system and communicates therewith via a wireless gateway, the method comprising the steps of:

receiving a data item at the host system from a message sender, the data item being directed to an address associated with the user at the host system, the data item including an e-mail message and a message attachment;

redirecting at least a portion of the e-mail message from the host system to the mobile data communication device via the wireless gateway using a network address of the mobile data communication device;

receiving a first command message from the mobile data communication device at the host system requesting more of the data item;

redirecting the message attachment from the host system to the mobile data communication device via the wireless gateway using the network address of the mobile data communication device in response to the first command message;

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receiving a second command message from the mobile data communication device at the host system to send the message attachment to an external device; and

redirecting the message attachment from the host system to the external device in response to the second command message.

80. (Previously Presented) The method as recited in claim 79 further comprising the step of providing a user profile for the mobile data communication device, wherein the user profile stores a list of one or more external devices associated with the mobile data communication device.

81. (Previously Presented) The method as recited in claim 79 wherein the mobile data communication device is one of a hand-held wireless paging computer, a wirelessly-enabled palm-top computer, a mobile telephone with data messaging capabilities and a wirelessly-enabled laptop computer.

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82. (Previously Presented) The method as recited in claim 79 wherein the message attachment is at least one of a word processing attachment, an audio attachment and a video attachment.

83. (Previously Presented) The method as recited in claim 79 wherein the message attachment is of a type that the mobile data communication device can process.

84. (Previously Presented) The method as recited in claim 79 wherein the message attachment is of a type that the mobile data communication device cannot process.

85. (Previously Presented) The method as recited in claim 79 wherein the external device is one of a printer, a facsimile machine, a video player and an audio player.

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86. (Previously Presented) The method as recited in claim 79 further comprising the step of decoupling the message attachment from the e-mail messages.

87. (Previously Presented) The method as recited in claim 86 further comprising the step of storing the e-mail message in a message store at the host system.

88. (Previously Presented) The method as recited in claim 87 further comprising the step of storing the message attachment in the message store at the host system.

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89. (Previously Presented) A system for redirecting e-mail messages and message attachments comprising:

a host system that receives a data item from a message sender, the data item being directed to an address associated with a user at the host system, the data item including an e-mail message and a message attachment; and

a mobile data communication device that is associated with the host system and communicates therewith via a wireless gateway, the mobile data communication device having a network address,

wherein the host system redirects at least a portion of the e-mail message to the mobile data communication device via the wireless gateway using the network address of the mobile data communication device;

wherein the mobile data communication device receives the at least a portion of the e-mail message and generates a first command message requesting more of the data item; and

wherein the host system redirects the message attachment to the mobile data communication device via the wireless gateway using the network address of the mobile data communication device in response to the first command message.

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90. (Previously Presented) The system as recited in claim 89 wherein the host system is configured with a user profile for the mobile data communication device and wherein the user profile includes a list of one or more external devices associated with the mobile data communication device.

91. (Previously Presented) The system as recited in claim 89 wherein the mobile data communication device is one of a hand-held wireless paging computer, a wirelessly-enabled palm-top computer, a mobile telephone with data messaging capabilities and a wirelessly-enabled laptop computer.

91. (Previously Presented) The system as recited in claim 89 wherein the message attachment is at least one of a word processing attachment, an audio attachment and a video attachment.

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92. (Previously Presented) The system as recited in claim 89 wherein the message attachment is of a type that the mobile data communication device can process.

93. (Previously Presented) The system as recited in claim 89 wherein the message attachment is of a type that the mobile data communication device cannot process.

94. (Previously Presented) The system as recited in claim 89 wherein the mobile data communication device generates a second command message requesting redirection of the message attachment to an external device and wherein the host system redirects the message attachment to the external device in response to the second command message.

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95. (Previously Presented) The system as recited in claim 94 wherein the external device is one of a printer, a facsimile machine, a video player and an audio player.

96. (Previously Presented) The system as recited in claim 89 wherein the host system decouples the message attachment from the e-mail messages and stores the e-mail message and the message attachment in a message store at the host system.

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97. (Previously Presented) A system for redirecting e-mail messages and message attachments to a user of a mobile data communication device that is associated with a host system and communicates therewith via a wireless gateway, the system comprising:

means for redirecting at least a portion of an e-mail message from the host system to the mobile data communication device via the wireless gateway using a network address of the mobile data communication device, wherein the e-mail message is part of a data item received at the host system from a message sender, the data item being directed to an address associated with the user at the host system, the data item further including a message attachment;

means for processing a first command message received from the mobile data communication device at the host system, the first command message requesting more of the data item; and

means for redirecting the message attachment from the host system to the mobile data communication device via the wireless gateway using the network address of the mobile data communication device in response to the first command message.

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98. (Previously Presented) The system as recited in claim 97 further comprising means for configuring a user profile for the mobile data communication device, wherein the user profile stores a list of one or more external devices associated with the mobile data communication device.

99. (Previously Presented) The system as recited in claim 97 wherein the mobile data communication device is one of a hand-held wireless paging computer, a wirelessly-enabled palm-top computer, a mobile telephone with data messaging capabilities and a wirelessly-enabled laptop computer.

100. (Previously Presented) The system as recited in claim 97 wherein the message attachment is one of a word processing attachment, an audio attachment, a video attachment and a multimedia attachment.

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101. (Previously Presented) The system as recited in claim 97 wherein the message attachment is of a type that the mobile data communication device can process.

102. (Previously Presented) The system as recited in claim 97 wherein the message attachment is of a type that the mobile data communication device cannot process.

103. (Previously Presented) The system as recited in claim 102 further comprising:

means for processing a second command message from the mobile data communication device directed to the host system to send the message to an external device; and

means for redirecting the message attachment from the host system to the external device in response to the second command message.

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104. (Previously Presented) The system as recited in claim 103 wherein the external device is one of a printer, a facsimile machine, a video player and an audio player.

105. (Previously Presented) The system as recited in claim 97 further comprising means for decoupling the message attachment from the e-mail messages.

106. (Previously Presented) The system as recited in claim 105 further comprising means for storing the e-mail message at the host system.

107. (Previously Presented) The system as recited in claim 106 further comprising means for storing the message attachment at the host system.

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108. (Previously Presented) A computer-accessible medium having a sequence of instructions which, when executed by a processing entity, effectuate redirection of e-mail messages and message attachments to a user of a mobile data communication device that is associated with a host system and communicates therewith via a wireless gateway, the computer-accessible medium comprising:

a code portion for redirecting at least a portion of an e-mail message from the host system to the mobile data communication device via the wireless gateway using a network address of the mobile data communication device, wherein the e-mail message is part of a data item received at the host system from a message sender, the data item being directed to an address associated with the user at the host system, the data item further including a message attachment;

a code portion for processing a first command message from the mobile data communication device directed to the host system requesting more of the data item; and

a code portion for redirecting the message attachment from the host system to the mobile data communication device via the wireless gateway using the network address of the mobile data communication device in response to the first command message.

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109. (Previously Presented) The computer-accessible medium as recited in claim 108 further comprising a code portion for facilitating configuration of a user profile for the mobile data communication device, wherein the user profile stores a list of one or more external devices associated with the mobile data communication device.

110. (Previously Presented) The computer-accessible medium as recited in claim 108 wherein the mobile data communication device is one of a hand-held wireless paging computer, a wirelessly-enabled palm-top computer, a mobile telephone with data messaging capabilities and a wirelessly-enabled laptop computer.

111. (Previously Presented) The computer-accessible medium as recited in claim 108 wherein the message attachment is one of a word processing attachment, an audio attachment, a video attachment and a multimedia attachment.

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112. (Previously Presented) The computer-accessible medium as recited in claim 108 wherein the message attachment is of a type that the mobile data communication device can process.

113. (Previously Presented) The computer-accessible medium as recited in claim 108 wherein the message attachment is of a type that the mobile data communication device cannot process.

114. (Previously Presented) The computer-accessible medium as recited in claim 108 further comprising:

a code portion for processing a second command message from the mobile data communication device directed to the host system to send the message to an external device; and

a code portion for redirecting the message attachment from the host system to the external device in response to the second command message.

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115. (Previously Presented) The computer-accessible medium as recited in claim 114 wherein the external device is one of a printer, a facsimile machine, a video player and an audio player.

116. (Previously Presented) The computer-accessible medium as recited in claim 108 further comprising a code portion for decoupling the message attachment from the e-mail messages.

117. (Previously Presented) The computer-accessible medium as recited in claim 116 further comprising a code portion for storing the e-mail message in a message store at the host system.

118. (Previously Presented) The computer-accessible medium as recited in claim 117 further comprising a code portion for storing the message attachment in the message store at the host system.